

CURRICULUM VITAE

Dr CHRISTOPHER HUGH TURNER

Specialist in Restorative Dentistry at Cotswold Dental Specialists
Law Society Accredited | Expert Witness

Practice Address:
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PROFILE

A highly experienced and qualified clinician, formerly a Consultant in Restorative Dentistry, with significant knowledge of all aspects of dental practice, crown and bridgework, prosthetics including implants, the treatment of temporomandibular joint dysfunction syndrome and the oral rehabilitation of accident victims. Experienced in medico-legal work. Qualified single joint expert and mediator. Significant publication, research and preparation of reports record. On General Dental Council's list of Specialists in Restorative Dentistry and Law Society's list of Accredited Expert Witnesses.

Key Professional Qualifications

Bachelor of Dental Surgery, University of London	1968
Distinctions in: Pathology & Bacteriology, Surgery, Dental Surgery, Orthodontics	
Fellow in Dental Surgery, Royal College of Surgeons, England	1976
Master of Dental Surgery, University of Newcastle	1979
Master of Science, University of London	1993
Member, Academy of Experts	1995
Qualified Mediator, Academy of Experts	1996
Fellow, Royal Society of Medicine	2003

Career History

General Dental Practitioner	1969
SHO, Guys's Hospital	1969/70
General Dental Practitioner	1970/74
SHO, Oral Surgery, Southampton	1975
Registrar, Restorative Dentistry, UCH	1975/76
Lecturer in Operative Dentistry, Newcastle	1976/78
Part-time Lecturer in Prosthodontics, UCH	1978/79
Part-time General Dental Practitioner	1978/79
Senior Lecturer/Consultant/ Head Department of Dental Services University of Sheffield	1980/64
Director of Dental Services, Salisbury NHS Trust	1984/95
Postgraduate Dental Tutor, Salisbury	1984/95
Visiting Reader, Department of Engineering Materials, University of Southampton	1986/2007
Locum Dental Surgeon, Designing portable dental equipment And portable phantom head systems, giving postgraduate lectures Taking retraining courses, supervising students at Southampton University	1995/99
Clinical Director, Medical & Dental Staff Training Ltd	1996/present
Specialist in Restorative Dentistry, practice owner, Cirencester Expert witness, provider of postgraduate education courses.	1999/present

Membership of Learned or Professional Societies

Royal Society of Medicine
Consultants in Restorative Dentistry Group
American Academy of Cosmetic Dentistry
Gloucestr Independent Dentists

Teaching

My Teaching in the last academic year was mainly for the NHS Section 2 (Wales) and Section 63 (England), This was significantly less than my normal 25 – 30 days per year as a result of Department of Health priorities in Radiation Core of Knowledge, Cross Infection Control and Risk Management. I am up to date in all the above requirements. I have given several private courses. The topics of the courses I can provide are detailed under Research, Lecture Courses below. All my courses include a significant hands- on element.

All my hands-on courses are nominally of 6 hours length and are for 8 postgraduate participants.

December 2009	Merthyr	Smile Design
December 2009	Merthyr	Preparations for Zirconium Oxide reinforced crowns
November	Cirencester	Preparations for Zirconium Oxide reinforced crowns
October	Cirencester	Occlusion for implants
September	Chace Farm	Veneers
July	Wrexham	Preparations for Zirconium Oxide reinforced crowns
July	Wrexham	Smile design
July	Chace Farm	Basis of occlusion – 2 courses
June	Cirencester	Occlusion for implants
May	Chace Farm	Smile design – 2 courses
March	Chace Farm	Air Abrasion
February	Wrexham	Preparations for Zirconium Oxide reinforced crowns
February	Wrexham	Reinforced composites
February	Aberystwyth	Smile design
February	Aberystwyth	Reinforced composites

Hands-on courses in restorative dentistry

I give the following courses:

Air Abrasion
Basis of occlusion
Clinical Audit
Occlusion for implants
Partial denture design
Preparations for Zirconium Oxide reinforced crowns
Process re-engineering
Reinforced composites
Restoration of non-vital teeth
Smile design
Veneers

I have been giving postgraduate courses and lectures for over 30 years, now over 500, of which the majority are hands on courses.

Research

(I) Publications

A Forensic Dentistry

Goodbody R, Turner CH, Turner J
The differentiation of toothed marks
Med.Sci.Law 16: 44-48, 1976

Fletcher AM, Turner CH, Ritchie GM
Denture marking methods and induced stress
Brit dent J 142: 224-226, 1977

Turner CH, Ritchie GM, Fletcher AM
Denture marking and human identification
Brit dent J 141: 114-7, 1976

Turner CH, Turner J
Dentistry in the identification of human remains
Brit dent J 143: 191-5, 1977

B Post-retained crowns

MDS Thesis, An investigation of post-retained crowns, University of Newcastle, 1979

Turner CH
An investigation of the periapical status of post crowned teeth
J Dent 9: 109-115, 1981

Turner CH
Cement distribution during post cementation
J Dent 9: 231-239, 1981

Turner CH
The utilisation of roots to carry post-retained crowns
J Oral Rehabil 9: 193-202, 1983

Turner CH
A retrospective study of the fit of jacket crowns placed around gold posts and cores, and the associated gingival health
J Oral Rehabil 9: 427 – 434, 1982

Turner CH
Post-retained crown failure – a survey
Dent Update 9: 221-234, 1982

Turner CH, Gross MJ

An apparatus to record the hydrostatic pressure changes occurring during the cementation of dowel-retained prostheses

Eng in Medicine 9: 37-42, 1980

Gross MJ, Turner CH

Intra-radicular pressure changes during the cementation of post-retained crowns

J Oral Rehabil 10: 237-249, 1983

Turner CH, Gross MJ

Investigation of hydrostatic pressure changes during cementation of screw-retained posts, and posts with integral cement release channels

J Oral Rehabil 10: 421-428, 1983

Turner CH

A method of producing identical cast gold posts for experimental purposes

J Dent 11: 151-153, 1983

Turner CH

The retention of dental posts

J Dent 10: 154-165, 1982

Turner CH, Willoughby AFW

An investigation of the process of casting cores onto preformed wrought dental posts

J Oral Rehabil 10: 177-185, 1983

Turner CH, Willoughby AFW

The retention of vented-cast dental posts

J Dent 13: 267-270, 1985

Turner CH

The anterior post crown

In General Dental Treatment, pp2.5.4-01 – 09, 1986

Turner CH, Willoughby AFW

An analysis of the resistance of some dental post materials to failure in torsion

Clin Materials 3: 291-299, 1988

Turner CH

A clinical survey of failed post crowns

Brit dent J 164:317, 1988

Turner CH, Willoughby AFW

Precious metal content of alloys

Brit dent J 165: 118-9, 1988

Turner CH, Carey AN, Willoughby AFW
An investigation of the processes involved in the fracture of dental posts
Clin Materials 4: 123-133, 1989

C Restorative Dentistry

Turner CH, Ritchie GM
Gross localised maxillary resorption due to occlusal forces
Brit dent J 141: 85-86, 1976

Turner CH
Slots and bevels in full crown preparations
Dent Update 5: 161-164

Turner CH, Ritchie GM
The problems of maxillary complete dentures opposed by retained mandibular incisors and canines
(I)*
Quintessence Int 8: 29-34, 1978

Turner CH, Ritchie GM
The problems of maxillary complete dentures opposed by retained mandibular incisors and canines
(II)*
Quintessence Int 9: 31-34, 1978

Smith BJ, Turner CH
The use of crowns to modify abutment teeth of removable partial dentures
1. Introduction and partial denture design
J Dent 7: 52-56, 1979

Turner CH, Smith BJ
The use of crowns to modify abutment teeth of removable partial dentures
2. Clinical and laboratory procedures
J Dent 7: 98-104, 1979

Ritchie GM, Turner CH, Fletcher AM
An assessment of the dental requirements of elderly people
Quintessence Int 11: 81-88, 1979.

Turner CH
A new fenestrated gingival grafting technique
Dent Update 10: 393-398, 1982

Turner CH
Surveyors and surveying
Dent Practice 1983

Turner CH
An impression technique for maxillary complete dentures opposed by natural teeth
Dent Practice pp March 1984

Tomlinson K, Turner CH
A post-dam technique for metal-based complete maxillary dentures
Dent Update 12: 655-657, 1984

Turner CH, Sinclair I
Sprayed opaque porcelain as a retentive surface for resin-bonded restorations
Int J Prosthodont 3:222-7,1990

D Other papers

Turner CH
Periodontal pockets: a new instrument for their easier measurement
Dent Update 3; 277-279, 1975

Turner CH, Turner J
Oligodontia: report of a case
J Dent Child 14:49-51, 1977

Turner CH
Mouth protectors
Brit dent J 143: 82-86, 1977

Turner CH, Cawley MID
Lupus erythematosus and the dental surgeon
Dent Update 10: 515-520, 1981

Turner CH
Oral hygiene instruction and dental prophylaxis
Dent Update 11: 331-2, 1982

Turner CH, Winder M
The theory and practice of controlled sedation
Dent Update 12: 9-20, 1982

Turner CH, Russell RG, Taylor M
Tray systems in general practice
Dent Practice 1983

Turner CH
Transitional training in dentistry
J Roy Soc Med 77: 357-8, 1984

Turner CH
Young adults
In General Dental Practice pp (A)5.6-01 – 08, 1986

* papers awarded Quintessence Prize, 1978.

Papers submitted

Maintaining occlusal vertical dimension in bridge preparations – the T(temporary) stop

A modified implant placement jig

Papers in preparation

Maintaining the line of insertion and withdrawal during crown preparations

Current research

Fixed moveable zirconium oxide reinforced bridges (with Renishaw PLC)

The oral hygiene performance of patients

Teaching videos (with the University of Sheffield)

Anterior post crowns

Posterior post crowns

Relative analgesia

Surveyors and Surveying

Tuberosity reduction

Apicectomies

How to clean your teeth (for patients)

Instrument and equipment designs

Colour coded pocket probes

Spirapost post crown system

Double ended retractor

Modified Hawarth raspatory

Shoulder finishing chisels

Portable dental equipment

Portable phantom head units and associated jaws

Self contained surgery back-up units

Swabsafe box

Air abrasion system

LED curing light with University of Southampton

One patent pending

(I) Research Grants

None applied for

Administration and other service

- a. University of Newcastle, examiner for BDS
- b. Member Hampshire Local Dental Committee, 1973/74
- c. As Senior Lecturer/ Consultant/ Head Department of Dental Services, University of Sheffield
 - * Established the first dental practice unit in the UK separate from the main dental hospital in 1980. Responsible for all aspects of planning 5 surgery unit, supervising building conversions, preparing operational and safety policies, recruiting and training both professional and ancillary staff, supervising students' clinical practice, developed clinical programme, setting and marking student project work and case folders of their clinical work. Developed and gave course of lectures relevant to general dental practice.
NB This unit, the Transitional Training Unit is still functioning in the same building 29 years later.
 - * Administrative duties as Head of University Department and Clinical Unit
 - * providing Consultant in Restorative Dentistry services for patients.
 - * attendance at University Senate, Faculty of Medicine, Board of Dental Studies, Division of Dentistry.
 - * Liaison with Department of General Medical Practice to provide lectures on dentistry for medical students.
 - * assisting dental colleagues in preparing scientific papers.
 - * conducting own research on post crowns as Visiting Senior Lecturer, University of Southampton.
- d. As Director of Dental Services, Salisbury Health Authority
 - * Administrative duties as Head of Department
 - * provision of Restorative dental clinical services
 - * established joint clinic with ENT consultants for pain patients with TMJ dysfunction syndrome
 - * Staff training, recruitment, appraisal and training
 - * established conservation under general anaesthesia operating list for handicapped patients, including patients handicapped by fear.

- * established outreach programme to provide domiciliary services for the housebound, care homes and institutionalised elderly. Recruited staff.
- * established care system for HIV positive patients jointly with Consultant oRal Surgeon colleague.
- * developed computerised programme for data collection for school screening and Korner data sets
- * attendance at committees including Authority Board of Directors, Radiation protection, Cross Infection control, Authority Dental Committee, Local Dental Committee, etc.

e. As postgraduate Dental Tutor, Salisbury, 1984 – 95

- * established programme of monthly lectures and annual Salisbury Symposium for up to 100 general practitioners
- * Established phantom head unit within postgraduate centre
- * Board Member, Salisbury Medical Society
- * member, Wessex Regional Postgraduate Dental Committee

f. As Visiting Reader in Engineering Materials, University of Southampton, 1986-2007

- * carried out own research programmes
- * developed experimental programmes for final year students in the Faculty of Engineering to investigate properties of dental composites. Supervised their research and marked student projects.
NB One student obtained the Faculty of Engineering Project Prize.
- * developed LED curing light and worked with University Intellectual Property dept to obtain patent coverage.

g. As Specialist in Restorative Dentistry, Cotswold Dental Specialists, Cirencester

- * researched location for first non-city based specialist practice. Established Cotswold Dental Specialists and recruited other specialist colleagues.
- * provision of clinical services for colleagues referred patients to include treatment planning, crown and bridgework, dentures, periodontal care, treatment of TMJ dysfunction syndrome, implants, clinical teaching and mentoring colleagues, oral rehabilitation of accident victims.
- * Provision of expert witness services, report writing, giving evidence in the Criminal Court, Civil Court and at the General Dental Council.
- * Staff training and giving hands-on courses.

National and International recognition

- * Visiting Professor, University of Garyounis, Libya, 1983
- * Visiting Professor University of Ljubljana, 1989
- * Visiting Lecturer, Australian Dental Association, 1998
- * Visiting Lecturer, University of Dunedin, 1998, 1981
- * All lectures or hands-on courses under Section 2 (Wales) or Section 63 (England) are by invitation of the Postgraduate Dental Tutor. I have received about 500 invitations.
- * Referee for Clinical Materials and Private Dentistry
- * Quintessence Prize 1978, jointly with Ritchie GM